In the Claims:

1. (currently amended) A composition for transdermal administration of at least one therapeutically active compound or nutrient, said composition comprising:

at least one item selected from the group consisting of at least one therapeutically active compound and at least one nutrient; and

a non-oily emulsion which is a mixture of lecithin, bile salts and cholesterol in water.

2. (previously presented) The composition for transdermal administration according to claim 1, wherein said at least one therapeutically active compound and said at least one nutrient is an ionic compound.

3. (previously presented) The composition for transdermal administration according to claim 2, wherein the ionic compound is a metal ion.

4. (previously presented) The composition according to claim 1, wherein said at least one therapeutically active compound is a polypeptide.

5. (currently amended) The composition according to claim 4, wherein said polypeptide has a molecular weight of up to 7000 [[kDa]] Dalton.

6. (previously presented) The composition according to claim 1, wherein said at least one therapeutically active compound is selected from the group consisting of antiparasitic agents, anthelmintic drugs and antibiotic drugs, used for the treatment of humans, livestock or domestic animals.

7. (canceled)

8. (currently amended) The composition according to claim [[7]] 1, wherein[[,]] said lecithin is present in said non-oily emulsion in an amount of 2–15 %

(w/v), said bile ~~salt is~~ salts are present in said non-oily emulsion in an amount of 2-15 % (w/v), and said cholesterol is present in said non-oily emulsion in an amount of 2–15 % (w/v)[[,]].

9. (currently amended) The composition according to claim [[7]] 1, wherein the ratio by weight of lecithins, bile salts and cholesterol is 2:1:1.

10. (previously presented) The composition according to claim 8, wherein the sum of the amounts of lecithins, bile salts and cholesterol constitutes 6-30 % (w/v) of the non-oily emulsion.

11. (previously presented) The composition according to claim 1, wherein the composition further comprises an organic sulfur compound.

12. (currently amended) The composition according to claim 11, wherein[[,]] the organic sulfur compound is present in said composition in an amount of 2-30 % (w/v), in relation to the non-oily emulsion.

13. (previously presented) The composition according to claim 11, wherein the organic sulfur compound is selected from the group consisting of dimethylsulfoxide, methylsulfonylmethane, 2,3-dimethylsulfolane, 2,4-dimethylsulfolane and sodium lauryl sulfate.

14. (currently amended) Use of the composition according to claim 1 for the manufacture of a cream, gel, lotion, suppositories, ointment, patch ([[TTS]] transdermal therapeutic system) for transdermal administration of active substances, preferably nutrients and/or medications.

15. (previously presented) Use of the composition according to claim 1 for transdermal administration of active substances, preferably nutrients and/or medications.

16. (currently amended) The composition according to claim 12, wherein the organic ~~sulphur~~ sulfur compound is present in said composition in an amount of 4-25% (w/v), in relation to said non-oily emulsion.